Sheet 1 of 1 Form PTO-1449 U.S. Department of Commerce Attorney Docket No.: Serial No.: (Rev. 8-88) Patent and Trademark Office 0321.68297 10/664.768 Applicant: INFORMATION DISCLOSURE CITATION Craig S. Levin (Use several sheets if necessary) Filing Date: Group: 09/17/2003 2882 **ENT DOCUMENTS** Examiner Filing Date **Document Number** Date Name Class Subclass Initial If Appropriate 6114703 09-05-2000 FF Levin et al. **FOREIGN PATENT DOCUMENTS Translation** Date **Document Number** Country Class Subclass Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Cherry et al., "A Comparison of PET Detector Modules Employing Rectangular and Round Photomultiplier Tubes", IEEE Transactions on Nuclear Science, Vol. 42, No. 4, p. 1064-68 (August 1995). TP Levin et al., "Initial Studies of a New Detector Design for Ultra-High Resolution Positron Emission Tomography", Nuclear Science Symposium Conference Record, IEEE, p. 1751-55 (November 2002). FP Craig S. Levin, "Design of a High Resolution and High Sensitivity Scintillation Crystal Array with Nearly Perfect Light Collection", Nuclear Science Symposium Conference Record, IEEE, p. 48-52 (2002). FP Miyaoka et al., "Performance Characteristics of Micro Crystal Element (MiCE) Detectors", IEEE Transactions on FP Nuclear Science, Vol. 48, No. 4, p. 1403-07 (August 2001). Pichler et al., "A 4 x 8 APD Array, Consisting of Two Monolithic Silicon Wafers, Coupled to a 32-Channel LSO Matrix for FP High-Resolution PET", IEEE Transactions on Nuclear Science, Vol. 48, No. 4, p. 1391-96 (August 2001). Seidel et al., "Experimental Estimates of the Absolute Sensitivity of a Small Animal PET Scanner with Depth-of-Interaction Capability", Nuclear Science Symposium Conference Record, IEEE, p. 21-57 - 21-59 (October 2000). FP Shah et al., "ADP Designs for X-Ray and Gamma Ray Imaging", 2001 IEEE Nuclear Science Symposium. FP Shao et al., "Design Studies of a High Resolution PET Detector Using APD Arrays", IEEE Transactions on Nuclear FΡ Science, Vol. 47, No. 3, p. 1051-57 (June 2000). Tai et al., "Performance Evaluation of the MicroPET P4: a PET System Dedicated to Animal Imaging", Phys. Med. Biol., FP Vol. 46, No. 7, p. 1845-62 (2001). Tai et al., "System Design for a 1mm3 Resolution Animal PET Scanner: MicroPET II", Nuclear Science Symposium FP Conf. Rec., Vol. 3, p.21/52 (October 2000). Tornal et al., "Positioning and Energy Response of PET Block Detectors with Different Light Sharing Schemes", IEEE EP? Transactions on Nuclear Science", Vol. 41, No. 4, p. 1458-63 (August 1994).

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